



QUA RAE



QUA HERE IS NEWS OF
RAE RADIO ASSOCIATION OF ERIE

QUA-RAE
EDITOR-K3AFO
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P.O. BOX 183
ERIE , PA. 16512
CALL 868-2220

ALL NEWS DUE BY THIRD
WEDNESDAY OF EACH MONTH

ERIE METROPOLITAN VHF SOCIETY
TRI-STATE EMERGENCY NET
LAKE ERIE EMERGENCY NET
GENERAL ELECTRIC ARS
MCDOWELL ARC
BEHREND ARC
CORRY ARC
ATES ARC
RACES
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RAE

RADIO ASSOCIATION OF ERIE
P.O. BOX 844
ERIE , PA. 16512
CALL 868-1217

* QUA-RAE STAFF *

K3AFO	--	JOHN YOKOFF
W3BRB	--	JOHN GEBLER
W8DLW	--	RICHARD VAN TASSEL
WA3GSH	--	BARRY CAPELL
K3HSM	--	CHARLES McCOY
WA3HSR	--	MICHAEL HALL
K3PLV	--	CRAIG HILL
K3TUP	--	JOHN KANZIUS
WA3KKT	--	NORMA VANDERHOFF
		BONNIE ZACZYK
		NANCY YOKOFF

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871-2388/868-2220 (Area Code 814)

RAE MINUTES de W3BRB

The meeting was called to order at 8:00 p.m. by the President K3VLP. The minutes of the March 5th meeting were read and approved. The treasurers report was then given by WN3MAU. Joe reported that all bills had been paid and the new balance was \$276.27.

W3BRB read a letter from W3KPE thanking the RAE for her life membership in the club. A letter from the General Telephone Company was read stating that the General Telephone State Headquarters building could be used for the April 16 and May 14 meetings.

W3BRB gave a Hamfest committee report. John reported that plans were going well and that door prizes are coming in at this time. John also reported that a Swan 270 would be raffled off at the Hamfest.

WA3GJH reported that the auction was all set for the Penelec building.

WA3HSR made a motion that the profits from the auction go to the DXexpedition fund. It was seconded by WA3GJH and carried. K3AFO reported on the DXexpedition fund.

John, K3AFO also reported on the QUA-RAE.

WA3GIV reported that the Drive Out was set for May 1st.

K3VLP reported that the RED CROSS station would soon have new antennas.

WA3HSR and K3VXE reported on Field Day. They reported that a form would be in the next QUA-RAE for interested people to sign up for field day.

The possibility of a 2 meter repeater was then discussed.

K3HSM gave an activities report. Chuck reported that on April 16, two CD films would be shown. At the May 14 meeting it may be possible to have Atlantic Division Director, Harry McConaghy, speak to the club. Chuck also reported that it may be possible to have Carl Mosley give a talk. Chuck reminded the members of the upcoming election for Board of Directors.

K3VXE made a motion that a person receiving the majority of the votes be elected to the Board. It was seconded by WA3FFD and carried.

WA3GIV made a motion for adjournment and it was seconded by K3OSU and carried.

Secretary's Notes: The club membership is over 160 and still going strong. The club is only as good as the people that take part. If you have not made a meeting lately why not show up at the next one, you may be surprised what you find. As a member, you pick the Board of Directors with your votes. Exercise your rights at the election meeting. If you don't vote you can't complain about the club in the future.

Keep the month of October open for Hamfest 70. A Swan 270 is on its way and would look good in any shack.

If you have any questions about the RAE please contact me anytime.
My Phone No. is 868-1217

73's
John



JOE SZYMANOWICZ, WA3GJH

Ham of the Month de W3BRB

Most hams are pretty good with a soldering gun, but this months ham is also an excellent carpenter. Joe Szymanowicz, WA3GJH, is in the midst of rebuilding his kitchen with the help of his XYL, Fran. Joe is as good with a saw and hammer as he is with a mike or key

Joe became interested in radio while attending high school. He obtained one of the first CB licenses in the Erie area and in 1966 he was licensed as WA3GJH. Joe states that CB satisfied him for a while but the ham ticket was his ultimate goal. He is quite active in the RAE and at present, is a member of the Board of Directors also having served as a past Vice President of the Club. For the past two years, Joe has served as chairman of the auction committee. Joe deserves a big thank you for his work with the RAE. With all his other activities, Joe is also a member of C.D., A.R.R.L. and the V.H.F. Society.

The rig at his QTH is a B&W 5100 driving his pride and joy, a Heath SB 220 kw linear which feeds a Hornet tri bander. His receiver is an HQ-170. Joe also runs a homebrew, 5 watt 6 meter rig. At this time he is getting ready for 2 meter F.M. action. His QTH is located high above the city on Reese road and he certainly puts out a signal to be reckoned with on the V.H.F. bands.

Joe resides with his lovely XYL Fran and three harmonics, all YLs, at 4901 Reese road. It is indeed a pleasure for the staff at QUA RAE headquarters to salute Joe Szymanowicz, WA3GJH, as HAM OF THE MONTH.

Some of the "Motley Crew" at the 4-19 Xmtr Hunt



L to R W3ALD, K3AFO, WA3GIV, W3BRB



L to R K3ATZ, K3QAY, K3PLV, WA3MKA, WA3GJH, WA3ISN, W3JTF



Operating at the "Simulated Emergency Test"



Some of the "Brave Souls" who weathered the Feb 5th Storm to attend the RAE business meeting.



Preparing for the 1970 "Drive Out"
L to R WA3GIV, WA3FFD, WA3GJH



Guess Who? - K3AFO 11 years old
(Chasing rare DX)

2 - Meter News

AM & SSB ACTIVITY

For those interested in AM and SSB work on 2 - meters it will be to your advantage to tune your receivers to 145.40 Mc every evening at 9:30 PM local time. This word comes from W8AXR in East Liverpool, Ohio and was obtained by keeping an ear tuned to 40-meter SSB activity several weekends ago. W8AXR indicates that this particular frequency is used as an informal net gathering and that everyone is welcome. The mode used is predominantly SSB but AM and CW are also quite welcome. The net is reportedly very regular and meets every night, including Saturday and Sunday. The following stations can be heard on a more or less regular basis: W8EJP, K8CTM, W8SKP, W3LNA, K3LHM, K8BTA, K8LFR. So point the beam towards Ohio and you should have some activity to keep your 2 - meter AM and SSB gear in tune.

REMEMBER: 145.40 Mc 9:30 PM EST Every Evening

ON THE FM SCENE

At long last we are enjoying some genuine activity on the 2 - meter FM frequencies in Erie. The list of active stations is growing rapidly. The following stations are active: K3WOL, W3DQF, WA3FFD and myself. Fred, WA3GIV, is in the process of converting a 30-watt GE Progress Line unit for use on 2-meter FM. We expect Fred will be on the air by the time this article is in print. Joe, WA3GJH, will soon be putting a Motorola 80-D on the air. Joe has only to build a power supply and he will be ready to operate. John, K3AFO, also recently obtained a GE Progress Line rig which he may put on the air. We understand K3WOL loaned one of his rigs to Chuck Smith who should be installing that rig at the WWGO FM transmitter site in the near future; this is the word from the vine on this matter.

At the conclusion of the April RAE business meeting several interested club members banded together and formed a VHF Repeater Committee. It is hoped that this committee will become a strong and integral part of the RAE. As such, the repeater committee has its own officers and will collect its own dues for purposes of assisting in the financing of repeater construction and related activities. Everyone who is accepted for membership in the repeater committee must also be a member of the RAE. This should insure the action of the repeater committee as a strong arm of the club. Preliminary planning of a 2-meter repeater is already in progress. Some action must be delayed to await results of the May 2 repeater conference in Hamilton, Ontario. Information is needed to choose the most likely frequencies for repeater operation in order to avoid creating widespread interference and causing QRM to other repeaters operating in the area. Prime frequency of operation (Calling and emergency channel) will be 146.34 Mc input and 146.94 Mc output. The unknown information concerns the second frequencies to be employed. The intent is to use the 34/94 frequencies as an initial calling channel and have the repeater automatically switch to the secondary frequency where QSO's can be carried out. More information on this will be available after the May conference. Watch the column next month for details; FCC licensing will also be a factor.

WA3HSR, Mike Hall, scored a respectable 2,808 points in the November ARRL Sweepstakes Contest. Mike made 51 contacts in 26 sections running less than 150 watts in the time period of 6 hours.

The FCC is presently considering some drastic changes in Repeater Operation. Proposals are listed in April 1970 QST.

Amateur Radio Club of Corry (W3YXE) de WA3KKT

Regular meetings are held the 2nd Wednesday of each month and 4th Mondays (this is project nite) at the W3YXE Club House. Plans for field day will be discussed at the May meeting. W3JKE and K3IWP attended the Dayton Hamvention on April 24 and 25. Novice classes are presently being conducted by W3JKE at the club house. The Novice classes consist of 15 members (5 YL's and XYL's) and age ranges from 10 to 50 years. Harry, W3JKE is an excellent instructor and also keeps busy as the Club President and Plant Engineer at Raymond Division. His heavy schedule includes working with Charles Slocum, W3AGD, in installation and servicing Corry Communication Service.

The Corry club is badly in need of a 60 inch or more size rack so the KW transmitter can be completed.

K3IWP, Ernie Buetikofer; K3HJQ, Larry Aldrich and WA3KKT, Norma Vanderhoff attended the recent RAE Auction and departed with numerous goodies. W3DUB, Duard May, will soon arrive home after spending the winter in Florida. Duard, a railroad retiree, is always willing to help Novices improve their code.

Quentin McCray, W3AHH recently erected a tower and with the Swan 350, has no trouble in keeping a regular sked with sister and friends in Montana.

WA3HRX, Pat Cooney, finds a recently acquired RTTY rig his latest interest. Other active RTTY stations in the Corry area are WA3GXJ, Pete Palmer K3KAP, Gerry Owens; W3NFX, Gene Gruber and K3ENA, Kenny Kirch.

K3ACF, Al Gates, is now active on 15 meters using a vertical made from remnants of a 10 meter beam gotten at the RAE Auction. Al keeps busy as an engineer at Ajax.

W3AGP, Dick Williams, one of our active firemen on Easter Sunday, heaped high praise on the Erie firefighters who assisted the Corry fire personnel.

ZE's off 6 meters -- 50 to 54 MHz band has been withdrawn from amateur use in Rhodesia.

WLAX was first to make 5BWAS. Starting date was January 1, 1970. -- Not bad.

DON'T FORGET "FIELD DAY" ----- JUNE 27 and 28

Is there a Jim Smith in the group? - Yes, in fact there are three (3) Jim Smith's who are members of the Radio Association of Erie!!!

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
24	25	26	27	28	29	MEMORIAL DAY 30
31	1	2	3	4 RAE MTG RED CROSS	5	EUROPEAN FIELD DAY 6
EUROPEAN FIELD DAY 7	8	9	10	11	12	VHF 13
QSO PARTY 14	15	16	17	18	19	20
XMITTER HUNT 21 ST DAY OF SUMMER	22	23	24	25	26	FIELD DAY 1970 27

ACTIVITIES de K3HSM

Due to the use of special bulk, mailing rate, the QUA-RAE tends to be slower than normal first class. So with this issue it is not certain that it will reach club members before the May 14 activities meeting; however, as a final reminder: W3EPC in town May 14 at GTC Headquarters Building - time 8:00 p.m.

May 21 will be election night for the RAE and a large turnout of members is expected to fill the meeting room and perhaps the entire basement of the Red Cross Building.

April 16th Meeting

There were 45 people in the Gen Tel conference room to view the Civil Defense films and enjoy a coffee and do-nut eyeball session. The first film shown was the Cuban Missile Crises. This film was a good documentary and is an example of how the government does make an attempt to inform us about critical situations. The film about the Alaskan Earthquake struck closer to home in more ways than one. First, there were the unbelievable scenes of how the earth can heave and separate, displaying the awesome powers of nature. The harbor at Valdez was completely drained of water and the films of this were taken aboard a ship that was in the harbor. This ship was subsequently heaved up, thrown into the middle of the town of Valdez, heaved up again and redeposited on the barren harbor floor. Second, there was the realization of how fortunate we are that such a disaster does not destroy our family or our possessions. And third, there was the unquestionable realization of how important the Ham Fraternity is when a disaster strike

Our thanks to Mr. Parmenter, the local CD Administration and to W3KPM for use of the films. Tom mentioned that he would be more than happy to conduct a program on CD for a future activities meeting. This is put forth as a possibility for the next VP of activities.



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6 METER AMATEUR TRANSCEIVER

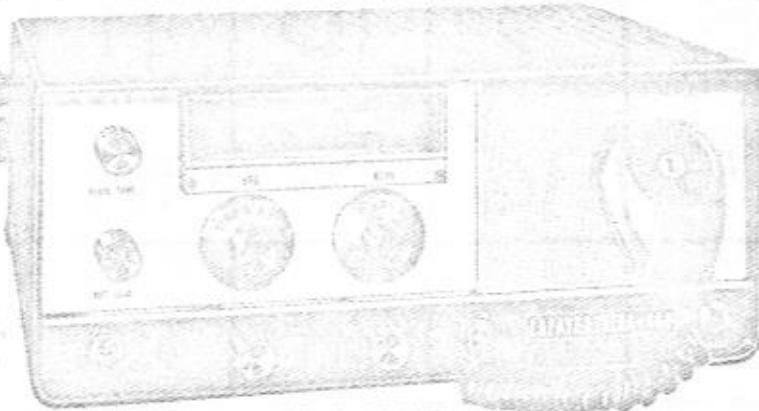
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plied with AC + DC power cords, mike and mobile mounting bracket. Size: 12 1/2" W x 5 1/2" H x 3 1/2" D. Imported. Shpg. wt., 22 lbs.

Lafayette Model HA-460—6 Meter Amateur Transceiver for 50.0-52.0 MHz. 80-K 25793WX Net 129.95

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- Fingertip Control
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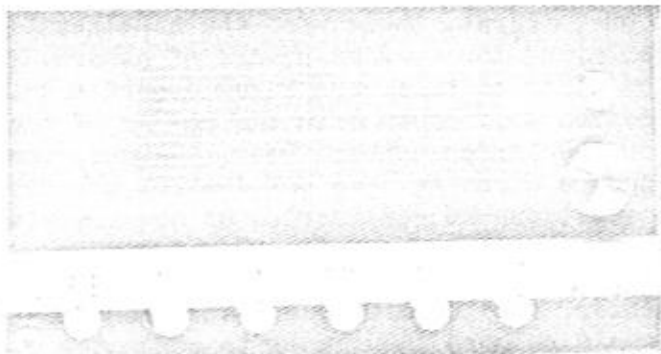
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section for audio output, 12 volts DC, ground, and receiver muting. Front panel earphone and rear panel tape output ports. Operates from 117 VAC 50-60 Hz or 12 volts DC. Imported. Size: 10 1/2" W x 4 1/2" H x 3 1/2" D. 92 K 22142WX Shpg. wt., 18 lbs. Net 149.95
Model HA-600 600 Matching 6 ohm Speaker 42 K 60006 Shpg. wt., 4 lbs. Net 6.95
100 KHz. Calibrator Crystal for HA-600 Receiver 42 K 65010J Net 4.95

STRAYS de K3AFO

W3TXZ Ralph Owen; Welcome to Ralph as RAE member #158. Ralph enjoys operating RTTY on the ham bands.

W3YWL Doc Baxter keeps busy in community activities, however, Doc still manages to check into the 10 meter net. Hope to CU on those xmtr hunts.

W3WBM Frank Ames is back on the air and with his old call sign. How did you manage that Frank?

W3UQG Ted Piotrowicz is in the market looking for some good SSB equipment. Ted auctioned off a lot of his old station at the April 3 RAE Auction at Penelec

W8LAC Walt Sanfield keeps busy at the Astatic Corporation during his non -hamming hours. Could this explain that high quality modulation that Walt has on 10 meter A.M.?

WA3AWB Bing Hahn has recently returned to Erie after a tour in the jungles and swamps of XV5 land. Welcome home Bing. Bing plans to start chasing that rare DX again.

W3BBO Bob Reisenweber will be on shortly with that big gun signal. Bob is waiting for his Heathkit KW linear and uses good DX strategy -- a lot of patient listening.

WA3AWJ Ron Leemhuis, home from MIT, was at the April 2 RAE meeting along with his brother Dave.

WA3DLS Dick Comeau is helping the RAE arrange Field Day at the WQLN field site. Dick keeps busy as engineer at Channel 54, WQLN.

WA3KMF/W3BRB Denny and John both reported antenna damage after the April 2 storm

WN3LKR Brad Robertson will soon be on the highways... Beware. (After he passes his drivers test that is)

K3SBU Bob Dzuibkowski made some kind of endurance record for the RAE when he auctioned for 4 straight hours. A big pat on the back for a job well done Bob.

W3KPJ Hank Schneider has his printing business and home for sale. Hank plans to take it easy and relax on the ham bands at a nice quiet QTH away from those noisey presses.

K3KRA Gary Kostek recently lost his 10 meter whip on the mobile when his XYL took it to the automatic car wash.

W3IMK John Krebs, North East, enjoys working that 15 meter DX on SSB.

W3JKE Harry Coulter; Welcome to Harry as a new member of the RAE. Talk about ham stations, Mr. Coulter is building a 2nd station in his basement, has 3 complete stations in his van and is planning to erect a 129 ft. tower when weather permits.

W3CUV Neal Argeny is presently active on 6 meter fone and 40 meter CW.

Strays (Cont'd)

- W8DLW Van from Conneaut keeping busy with remodeling work around the shack. Van can be heard checking into the LEEN on Sundays.
- K3OSU Carl Rimmer reports working Akron, Philly and Haddon Heights, N.J. during the April 21 Aurora (on 6 meter A.M.)
-

PROPAGATION REPORT deWA3HSR

The winter season is drawing to a close and DXers on 10 meters are making the most of the last few weeks of prime time. Latest reports indicate that we may expect gradually declining conditions throughout April. In May, there should be a few short periods of good DX on 10 and for the most part, dead to Europe and Asia by June.

Central and South American stations will be heard throughout the summer. The peak of this season seemed to be mid-March when the bands remained open for the longest times after sunset and before sunrise. After the antenna shaking storms in April, DXers will have plenty of time to repair those loosened elements and worn coax by the time fall rolls around.

CURRENT BAND CONDITIONS

- 10 meters This band appears to be taking its usual down-swing. Fewer stations being reported (DX that is). Sporadic "E" will start appearing.
- 15 meters Good condx to Europe during morning hours were reported in April. Sporadic openings expected in May. Long haul openings across Pole around noon during May and June.
- 20 meters About the best band for DX. Best in early morning hours. Open now around the clock.
- 40/
80 meters Good for most of North America with longest skip at night. QRN levels on the increase.
-

VHF FIELD DAY de K3OSU, Field Day Chairman

Field Day is rapidly approaching and as last year, it may catch us unprepared. I am interested in working 6, 2 and perhaps even higher under W3GV/3. I request that if anyone is interested in participating in the VHF Field Day activities, that they contact me ASAP. I am looking for operators, equipment, tents, trailers, tables, etc. Last year I operated from my car and it was quite an experience, however, I would not want to do it again, hi, hi, Contact Me. K3OSU

Carl Rimmer
Fone 833-0408

Definition of "Ground" -- The return of an electric circuit, specifically, the area which B+ always arcs to, and where you have forgotten to connect your antenna to during a lightning storm.

W3GV, Dawson Bliley, worked Pitts. on 40 meters with a 199 tube in 1926.

Plans are presently under way for "Oscar 6". If Australis Oscar 5 caught your fancy on 10 and 2 meters or if you're interested in future Amsat plans why not take a more active role in amateur space communications and join Amsat. Dues are \$5.00 per year and each member receives the Amstat newsletter with all the latest information on ham space activities. For full details send SASE to Amsat, P.O. Box 27, Wash., DC 20044.

NEWS FROM CONNEAUT de W8DLW

W 8 L A C ----- Walt Sanfield, an old timer on the ten meter band, continues working DX with consistency. He informs us of the new "RP" and "RQ" calls being heard on ten meters and up, as being new issues of the Soviet Union Republics and not listed in the latest DX call book.

Working RP2PAP, the "RQ2", and others of the unlisted foreign calls gives Walt much pleasure and gratification. It also points out the growth in amateur radio around the world as well. Walt runs 300 watts to a 4E27 final being modulated by a pair of 811's and driving a four element wide spaced mono-band 10 meter beam. It has a folded dipole driven element and is up about 35 feet in the air.

W B 8 B V D ----- Jim Cooley, at Great Lakes Naval Training Center and of Conneaut has received his WBØAwj call. He can be heard occasionally as one of the many operators pounding brass from K9NBH, the navy club station. Their activity being from 160 meters upward and are well known for tremendous message handling capacity. Much of their traffic is directed into our area. Lets keep a keen ear to K9NBH, for Jim, and for traffic from fellows of this area, that are training at Great Lakes Naval Training Center. The very best to Jim in his schooling at Great Lakes.

DXing de K3AFO

1. CR3KD, Portuguese Guinea, on Mon. Wed. and Fri at 2200Z around 14.300 MHZ.
2. FØNH/F08, Clipperton Expedition planning to hit the island July or August.
3. JY1, King Hussein, catch at around 1300Z on Fridays.
4. WS2JRA, special call for the South Jersey Radio Assoc. Used April 4 to April 12.
5. YB1AAK, Indonesia, can be heard loud and clear in Erie quite regularly around 14.275 MHZ usually at 1200Z.
6. Look for Albanion Expedition during middle of May.
7. UA1KED active on 20 meter CW from Franz Joseph Land. Erie Hams report Vlad active around 0330Z (14.040 MHZ)
8. 5VZDB, Togo, on daily 0430Z 14.290 MHZ.
9. HC8GS, Galapagos (Santa Cruz Is.), Lucio noted evenings on 14,270.
10. TT8AF and TR8DG can be worked from a list on 14,290 at 0500Z, Sundays W4SPX heard as MC.

XMTR Hunt Standings as of May 1, 1970

10 Meters

Points

W3BRB	41
WA3GIV	23
W3WDK	17
K3PLV	17
W3HLM	11
K3AFO	9
WA3GJH	2
WA3HSR	2
K3VLP	1

6 Meters

Points

W3ALD	32
K3QAY	27
K3ATZ	22
K3OSU	19
WA3HRJ	10
WA3DLS	9
WA3EZR	4
WA3ISN	3
WA3MKA	3
W3JTF	2
W3UCZ	2
WA3GSH	1
K3VLP	1

TO ALL QUA-RAE READERS

An Abbreviated edition of the QUA-RAE will be published during June, July and August. The summer QUA-RAE issues will contain only pertinent information to keep all amateurs in the Tri-State area informed on important matters. The QUA-RAE will resume with its regular 16-22 page issues in September. The QUA-RAE staff wishes everyone an enjoyable summer.

73's
UR Editor
K3AFO

DXing (Cont'd)

11. ZM1BN, Snares Island is now QRT.
 12. Market Reef Expedition starting June 6 to June 14, all bands (10 operators). Prefix is OJØ.
 13. Don't forget Marcus DXpedition in July (July 2 - 8), CW and SSB on 10, 15 and 20. Call used will be KA1B.
 14. 3X1SJ (Rep. of Guinea) active around 14,290. QSL's to W4SPX.
 15. FØRT/FC (Corsica) active from May 4 to May 30, all bands.
 16. YVØ (Aves Island), DXexpedition started April 30 to May 3 or 4, CW and SSB.
-

S S B (Sale, Swap or Buy) de K3AFO

1. For Sale:
 - a) Heathkit HW-16 CW transceiver, unassembled and never unpacked from box. Only \$75.00.

For Sale:
 - b) Heathkit HW-32 20 meter S.S.B. transceiver with HP-20 power supply in "mint condx". Both for \$100.00.

For the above items, call W3CUV, Neal Argeny 454-2558 or 866-2084

2. Please Return. Will the party that borrowed my BC-221 frequency meter please return it -- W3NKK, John Kozak, Erie Electronics.
3. Wanted: Dow Key or similar antenna relay, contact Frank, WA3NGC, 833-7395.

4. For Sale:

HQ-215, SB-401, 813 linear, etc. Selling out and going to grad school -- contact K3QJE Frank Bogacki, 516 E. 23rd St., Erie, Pa. 16503 -- Call 454-8824.

XMITR Hunt de K3PLV

<u>10 Meters</u>		<u>APRIL 19 Hunt</u>	
	<u>Points</u>	<u>6 Meters</u>	<u>Points</u>
WA3GIV (Hidden)	10	K3ATZ (Hidden)	10
W3BRB (1st)	10	W3ALD (1st)	10
W3HLM (2nd)	5	K3QAY (2nd)	5
W3WDK	2	W3JTF	2
K3AFO	2	WA3EZR	2
K3PLV	2	K3OSU	2
WA3GJH (Passenger)	1	WA3MKA	2
		WA3ISN	3
		K3VLP (Passenger)	1

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